



Windows PowerShell Get-Help on Cmdlet 'New-AzImageConfig'

PS:\>Get-HELP New-AzImageConfig -Full

NAME

New-AzImageConfig

SYNOPSIS

Creates a configurable image object.

SYNTAX

```
New-AzImageConfig [[-Location] <System.String>] [[-Tag] <System.Collections.Hashtable>] [[-SourceVirtualMachineId]
<System.String>] [[-OsDisk]
<Microsoft.Azure.Management.Compute.Models.ImageOSDisk>] [-DataDisk
<Microsoft.Azure.Management.Compute.Models.ImageDataDisk[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EdgeZone
<System.String>] [-HyperVGeneration <System.String>]
[-ZoneResilient] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzImageConfig cmdlet creates a configurable image object.

PARAMETERS

-DataDisk <Microsoft.Azure.Management.Compute.Models.ImageDataDisk[]>

Specifies the data disk object.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EdgeZone <System.String>

Sets the edge zone name. If set, the query will be routed to the specified edgezone instead of the main region.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-HyperVGeneration <System.String>

Specifies the HyperVGeneration Type for the virtual machine created from the image. Allowed values are V1 and V2.

Required? false

Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Location <System.String>

Specifies a location.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-OsDisk <Microsoft.Azure.Management.Compute.Models.ImageOSDisk>

Specifies the operating system Disk.

Required? false
Position? 3
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SourceVirtualMachineId <System.String>

Specifies the source virtual machine ID.

Required? false
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ZoneResilient <System.Management.Automation.SwitchParameter>

Enable zone resilient

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

System.String

System.Collections.Hashtable

Microsoft.Azure.Management.Compute.Models.ImageOSDisk

Microsoft.Azure.Management.Compute.Models.ImageDataDisk[]

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSImage

NOTES

```
$imageConfig = New-AzImageConfig -Location 'West US';  
$osDiskVhdUri = "https://contoso.blob.core.windows.net/test/os.vhd"  
$dataDiskVhdUri1 = "https://contoso.blob.core.windows.net/test/data1.vhd"  
$dataDiskVhdUri2 = "https://contoso.blob.core.windows.net/test/data2.vhd"  
Set-AzImageOsDisk -Image $imageConfig -OsType 'Windows' -OsState 'Generalized' -BlobUri $osDiskVhdUri;  
Add-AzImageDataDisk -Image $imageConfig -Lun 1 -BlobUri $dataDiskVhdUri1;  
Add-AzImageDataDisk -Image $imageConfig -Lun 2 -BlobUri $dataDiskVhdUri2;  
New-AzImage -Image $imageConfig -ImageName 'ImageName01' -ResourceGroupName 'ResourceGroup01';
```

The first command creates an image object, and then stores it in the `$imageConfig` variable. The next three commands assign paths of os disk and two data disks to the

`$osDiskVhdUri`, `$dataDiskVhdUri1`, and `$dataDiskVhdUri2` variables. This approach is only for readability of the following commands. The next three commands each adds an

os disk and two data disks to the image stored in `$imageConfig`. The URI of each disk is stored in `$osDiskVhdUri`, `$dataDiskVhdUri1`, and `$dataDiskVhdUri2`. The final

command creates an image named 'ImageName01' in resource group 'ResourceGroup01'.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/new-azimageconfig>